

**Geographic Information Advisory Council
Meeting Minutes
June 21, 2001
Room 125 Capitol Annex**

COUNCIL MEMBERS PRESENT: Bruce Seigle, Bill Bowdy, Larry Whitaker, Nick Kearney, Karen Bushart, Paul Schrader, Jerry Weisenfluh, John Penfield, Jules Delambre, Jim Cobb, Bill Martin, Rob Gardenhire, Ruth Rowles, Jim Swain, Gene Stinchcomb, John Carrico, Leslie Carr (sitting in for John Heltzel)

GUEST: Jack Couch (KCADD), Aldona Valicenti (GOT), Hugh Archer (NREPC), Bruce Bauch (USGS), Steven Cordviola (KGS), Curt Bynum (LOJIC), Tom East (NKAPC), Bryan Bunch (NREPC), Ken Bates (NREPC), Kent Anness (KIA), Lee Colten, Mike Kinnard (KYTC)

STAFF: Susan Carson Lambert, Harry James, Sandi B. Lawson, Ted Stumbur, Ryan Adcock, Matthew Mason

Acting Chair, Bruce Seigle called the meeting to order at 1:30 p.m. in the LRC Conference Room located at the Capitol Annex, Room 125.

COUNCIL INFORMATION ISSUES:

Approval of Minutes:

- Karen Bushart made a motion to approve the minutes from the March 15, 2001 Council Meeting, Bruce Seigle seconded the motion, the motion was carried.

Election of new Chair:

- Ballots were passed out at the beginning of the meeting.
- Nick Kearney will count the votes and the results will be given at the end of the Council Meeting.

COMMITTEE REPORTS/OLD BUSINESS:

Education and Training Committee:

Geoprocessor Charge:

- The CPE Statewide ESRI license is on track and should be instituted by the fall semester.
- The Education and Training Committee is currently working on the charges issued by the Executive Committee.
- Technical Advisor and Technical Coordinator at each Institution is in the process of being finalized.

Standards and Policy Committee:

Centerline Pilot Report:

- MapSync is working with initial data to test integration of road centerline/addresses and use of point locations/addresses.
- Lyon County continues to collect structure points and addresses.
- Lyon County is working to access MSAG for verification of addresses.
- Trigg County PVA/911 synchronizing address databases.
- Time frame to be finished is December 2001.

Conference Committee: GIS Conference 2001

- Attendees: 389
- Workshops Presented: 15
- Presentations: 35
- Vendors: 21
- Jumbo Shrimp Served: 300
- First time contracted registration/management support worked very well.
- Need more room for lunch time speakers.
- Vendors want bigger spots.

- Complaints about vendor presentations.
- Conference 2002 will be held in Fort Mitchell at the Drawbridge Inn.
- Need to form a Conference Committee for the conference in 2002.
- Would like to contract with AMR again next year.

One Zone Committee:

- The actual KAR was filed on May 15, 2001.
- The public hearing has been scheduled for June 29, 2001, but it will be cancelled, if OGI does not receive a written notice to attend by June 22, 2001.
- OGI has received an initial staff review form with minor comments.
- LRC staff attorney Donna Little will be working with OGI on making any changes to the text of the KAR as needed.
- The KAR has been tentatively scheduled to be reviewed by the Administrative Regulations Review Subcommittee on July 10, 2001. A representative from OGI has to be present at that meeting, otherwise, it will be deferred to the following month.
- There will be another review by an appropriate jurisdictional legislative subcommittee before the KAR is final. That review will be scheduled within 30 days of assignment.

Digital Submission Standards Subcommittee:

- Paul Schrader reported that he has taken a copy of the charge to the Surveyor's Association and have ask them for their input.
- KAPS is holding a digital submittal forum at the Holiday Inn South on July 19, 2001 @ 7:00 p.m.
- Need help from the Council and OGI to recruit members for this subcommittee.

Boundaries Subcommittee:

- This charge has not been issued as of yet.
- We would like a member of the Council to Chair this Subcommittee and take charge.
- We need to put together recommendations to give to Aldona Valicenti.

Standards Subcommittee:

- Please refer to #6 in your handout.
- Executive Summary on page 1 tells what the subcommittee went through.
- The breaking point for the subcommittee was at the workshop held with the Corps of Engineers. It helped to realize some of the benefits of this package.
- As an over view, this is a model that meets Federal Geographic Data Committee Standards.
- What we did was we took each of the main layers that we thought was the most important to address which were Geodetic Control, Property, Landform and Elevation, etc.
- Pages 5-20 in your handout is an evaluation of all the layers.
- The strongest benefit of SDS is that unlike many other standards that people publish and put out this one actually has a way to implement it.
- The consensus of the committee is that it has great potential as a standard, what ever that standard may be.

Acting Chair, Bruce Seigle made a motion to accept this recommendation, Bill Bowdy seconded the motion, recommendation has been accepted, vote was unanimous.

Utilities Subcommittee:

- Please refer to #8 in your handout.
- Identity and document the current and potential uses and users of a digital geographically referenced water and sanitary sewer dataset.
- Work with those identified users to determine and document the necessary content would be required in a digital geographically referenced water and sanitary sewer dataset.
- Publish a draft digital geographically referenced water and sanitary sewer standards including procedures for taking, answering, and incorporating comments from reviewers for ultimate promulgation of the standard.

- Next week we are holding an organizational meeting and will be extending an invitation to the water and sewer utilities to participate.

NEW BUSINESS:

KY Gazetteer:

- What is an electronic Gazetteer?
 - An electronic gazetteer allows the use of database and spatial technologies, coupled with sophisticated search engines to associate geographic names with geographic locations and other descriptive information.
- Why is one needed?
 - Standardization of placenames.
 - Uniform categories/feature types.
 - Geographic extent, or footprint.
 - Additional optional information.
- Use of a Gazetteer.
 - Provide placename keyword thesaurus.
 - Standardize footprints.
 - Provide consistency for searches.
 - Provide consistency for non GIS data that is associated with a place.
- Standardization of Placenames.
 - Same name used for different places or entities.
 - Name is applied to a feature in an unexpected or different way than what is generally accepted.
 - Variant names and spellings for same place.
- Uniform categories/feature types.
 - Provide a controlled vocabulary
 - Terms to indicate the nature of a place.
 - Category in GNIS not official.
 - Invaluable for research.
- Phase I – OGIS Steering Committee:
 - Organize a state-wide workshop
 - Invite interested individuals and groups
 - Workshop to propose how to proceed in Phase II
- Phase II – organized according to Phase I results in which should include:
 - Administrative
 - Business Case
 - Technical Issues

OGI OFFICE REPORT:

NASA Broad Agency Announcement Basemap Report:

- The aim of this project is to develop a framework within which collection and management of spatial information is improved and better land management decisions can be made by public agencies and private landowners.
- There were 200 answers to the BAA and our abstract has made the first cut which leaves 37 full proposals which are due by July 16, 2001. 12-15 will be funded.
- Please refer to #12 in your handout for the anticipated funding requests.

DEM: Ted Stumbur

- Have received the deliverable of the first phase of the project with one line withheld for edge-matching with the next phase.
- CD's with the DEM's were handed out to members of the elevation working group at and around this year's GIS conference.
- The DEM's have been used already for on-going projects at KY Fish and Wildlife Services, possibly elsewhere.

- Some problems discovered:
 - All metadata files were incomplete, and need to be resubmitted.
 - Eleven DEM files were corrupted and need to be resubmitted.
 - Eight DEM's appeared to have edge-matching problems, possibly need to be resubmitted.

DOQQ: Harry James

- Initial set of photographs reviewed and approved for DOQQ development.
- June 22, 2001 meeting set for:
 - Final review of photographs and OGI approval.
 - Plan flight schedule for Fall 01 and Spring 02.
- After approval, photographs will be forwarded to NAPP for review for national database.

Geodesy: Ross MacKay

- **Calibration Base Line** - Highly accurate base lines that provide a locally accessible standard for length measurement.
- Coordinated by NGS through KAPS.
- Calibration of base lines in Covington, Murray, Whitesburg.
- Re-calibration of base lines in Lexington and Louisville.
- Measurements scheduled for September 2001.
- **Federal Base Network** - A nationwide, 100 kilometer array of geodetic control stations positioned to within 2 centimeter accuracy of latitude, longitude, and height.
- 35 states completed or being worked on. Kentucky is next.
- Coordinated by NGS through KTC.
- Measurements tentatively scheduled for Winter 2001-2002.
- Data will allow use of GPS to determine true elevations.
- One in every County.

Hydrography: Ted Stumbur

- Licking River Basin in NHD format has been delivered and is available on the Internet.
- Refer to Status Map #16 in you handout.
- Project being worked on with USGS and should be completed first quarter of next year.

SPOT Imagery: Harry James

- Statewide UTM 10m delivery date – June 30, 2001
- Statewide Single zone 10m delivery date – July 6, 2001
- Will be Black & White

OGI Financing: Mike Robinson

- Financing is dictated to us by the Budget Bill/Budget Memorandum.
- The Budget Memorandum calls for the Executive Director of OGI to develop an allocation formula and submit it to the Chief Information Officer.
- This is then submitted to our billing people who send it to various agencies to charge the Cabinet for services provided by OGI.
- This year we are guided by the same principles, we have not developed the allocation formula as of yet.
- Allocation Formula should be finalized within the next 3-4 weeks.
- Billings will go out in the July billing period.

Announcement of new GIAC Chair:

- Nick Kearney counted the votes.
- Vote was 10 to 9, John Penfield is the new Chair for the GIAC Council.

Bruce Seigle made a motion to adjourn the meeting, it was seconded, vote was unanimous!!